# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Wednesday 27 Mar 2024 until 23:59 on Thursday 28 Mar 2024

Forecast Issued on Tuesday 26 Mar 2024 at 16:46

**Confidence:** High for unsettled conditions continuing with low pressure generally to the west of the UK, but lower for details.

**Headline for Wednesday 27 Mar 2024:** Morning snow, rain below 600m, brighter afternoon with showers. Breezy.

**Mountain weather hazards on Wednesday 27 Mar 2024**

| | | |
|---|---|---|
| **Blizzards**<br>Medium Likelihood | **Heavy persistent snow**<br>Medium Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy snow | Light snow | Light snow | Cloudy | Heavy snow | Light snow showers | Light snow showers | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 90% | 80% | 50% | 30% | 60% | 30% | 30% | 20% |

**Forecast for Wednesday 27 Mar 2024**

**Weather:** Cloudy with occasionally heavy snow, falling increasingly as rain below about 600m, the precipitation becoming lighter through the early hours. Then cloudy start with further outbreaks of snow, falling increasingly as rain below about 600m, turning patchier with some brighter spells developing. However, cloud increases again towards midday and the precipitation becoming more persistent and occasionally heavy again, especially over southern and eastern fells. Blizzard conditions are possible, especially over higher southern and eastern fells, and lying snow will drift in the strong winds. During the early afternoon the cloud breaks with sunny spells developing as the precipitation turns more showery, the showers becoming fewer through the evening with some long clear spells developing.

**Chance of cloud-free hill tops above 800m:** Little chance across southern and eastern fells at first and again around midday, otherwise nearer 60%.

**Low cloud and visibility:** Periods or persistent cloud above 450-600m across southern and eastern fells at first and again towards midday, otherwise occasional or periods above 600-750m, with patches below in showers. Away from cloud visibility good, falling to just a few kilometres in snow and less than a kilometre in heavier snow, and near zero in any blizzards, becoming very good in the afternoon with just brief reductions in snow showers, although lying snow will continue to drift.

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# Mountain Weather Forecast

**Forecast for Wednesday 27 Mar 2024**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 34/44 E | 26/33 SE | 26/32 SE | 34/43 SE | 32/44 S | 23/31 S | 27/36 SE | 31/41 S | 25/34 SE |
| **600** | 24/34 E | 20/28 SE | 19/27 SE | 25/34 SE | 26/39 S | 19/27 S | 19/29 SE | 22/33 S | 20/31 SE |
| **300** | 11/28 E | 8/21 E | 8/21 SE | 11/29 SE | 14/33 S | 11/24 S | 9/23 S | 10/26 SE | 9/23 SE |
| **Valley** | 13/29 E | 10/23 E | 9/21 SE | 10/25 SE | 14/31 S | 11/22 S | 10/22 S | 10/23 SE | 9/21 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | -1/-9 | -1/-8 | -1/-8 | -0/-9 | 0/-7 | -0/-7 | -0/-8 | -1/-9 | -1/-9 |
| **600** | 1/-6 | 1/-5 | 1/-4 | 2/-4 | 3/-3 | 2/-3 | 2/-4 | 1/-6 | 0/-6 |
| **300** | 3/-1 | 3/0 | 3/0 | 4/1 | 6/1 | 5/2 | 4/1 | 3/-1 | 2/-1 |
| **Valley** | 5/2 | 5/2 | 5/2 | 6/3 | 7/4 | 7/5 | 6/3 | 5/2 | 5/2 |
| **Freezing Level*** | 800m | 900m | 800m | 800m | 900m | 800m | 800m | 700m | 700m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A cold, wintry morning, especially on the higher fells, with gusts around 50mph over higher ridges and summits.

**Forecast for Thursday 28 Mar 2024**

**Weather:** Some clear spells through the early hours, otherwise a rather cloudy day with occasionally heavy showers or longer spells of rain and sleet and summit snow, with a small risk of thunderstorms. Best of any brighter spells across northern and western fells. Lying snow over higher fells continuing to drift in the strong but easing winds.

**Maximum wind:** Mainly southeasterly 25-30mph, with gusts around 50mph over ridges and summits, easing 20mph, gusts around 40mph, by late morning.

**Chance of cloud-free hill tops above 800m:** Around 25% over southern and eastern fells, but nearer 60% in the north and west.

**Low cloud and visibility:** Occasional or periods, but persistent at times in the south and east, above 600-750m, lowering to 450m at times in more persistent precipitation over southern and eastern fells. Away from the cloud visibility good or very good falling to several kilometres in rain and a kilometre or less in summit snow and drifting snow.

**Temperature:** **Valleys:** Around plus 2 or 3 through the early hours rising to plus 9 or 10 Celsius by day
**At 800m:** Around minus 1 Celsius rising to plus 2 Celsius.
**Freezing level:** Around 700m rising to around 900m.

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Tuesday 26 March 2024 Location: Dale Head summit at 12:17 Full report: A fine dry day with a mixture of clear spells and hill cloud. The Lakeland fells are generally snow-free, however, some fresh snow has fallen within the last 24 hours although total amounts are minimal and confined to the highest tops (notably around Helvellyn's north and east-facing corries). It is worth noting that further hill snow is in the forecast for the next couple of days and anyone heading out tomorrow should anticipate more snow than is described here. Despite mild temperatures in the valleys, windchill (feels like temperatures) on the tops are still often in negative figures. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass and headtorch are all essential. For anyone planning steep and exposed routes such as Helvellyn's edges, microspikes and an ice axe are also a sensible addition to your rucksack. Temperature: plus 2.7 C Maximum wind speed 13.0 mph Wind chill: minus 2.5 C, Average wind speed: 10.5 mph

Issued at: 1646 on Tue 26 Mar 2024

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